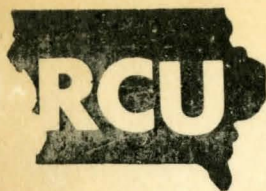


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Iowa RCU funded research project reports are forwarded to Vocational-Technical Education ERIC Clearinghouse, The Ohio State University, Columbus, Ohio, for entry by the ERIC publications.

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IRCU 391

ARCUS, MARGARET. "Factors Associated with Pupil Attitudes Toward Three Food Service Occupations." Ph.D. 99 pp. Ames, Iowa: Iowa State University, 1968. Dissertation Abstracts.

IRCU 407 (2215)

AREA V

Iowa Central Community College, 22 North 12th Street, Fort Dodge, Iowa 50501

"Occupational Needs Survey of Employers within the Area V Community College District." 1968 [4(a) RCU research project No. 43]

Purpose: to determine number and kinds of semi-skilled, skilled and technician level workers who will be needed in this ten counties area in 1968 and in 1970.

IRCU 408 (2216)

AREA VI

Area Six Community College, 22 West Main, Marshalltown, Iowa 50158

Kruskop, LeRoy Lawrence. "A Skilled Needs Survey with Implications for Vocational-Technical Education within the Area Six Community College District." Ph.D. Ames, Iowa: Iowa State University, 1968. Dissertation Abstracts. [4(a) RCU research project No. 37]

Purpose: to obtain employers' data concerning need for semi-skilled, skilled, and technician-level workers in district; to provide reliable method of projecting need for vocational and technical education programs to be offered by the community college; to develop priorities in determining need to offer specific full-time programs.

IRCU 386 (2200)

AREA XI

Des Moines Area Community College, 2006 Ankeny Boulevard, Ankeny, Iowa 50021

Omvig, Clayton Phil. "Characteristics of the Disadvantaged Residents and Potential Human Resources in Area XI Community College District." Ph.D. Ames, Iowa: Iowa State University, 1968. 259 p. Dissertation Abstracts. [4(a) RCU research project No. 42]

Purpose: to obtain current information about educational, socio-economic or other handicapping characteristics of the disadvantaged.

IRCU 409 (2217)

AREA XII

Western Iowa Tech, 222 South Floyd Boulevard, Sioux City, Iowa 51101

Educational Planning Service, Colorado State College, Greeley, Colorado.

Master Plan Study, School Facilities Needs, Western Iowa Tech Merged Area XII, Sioux City, Iowa. Appendix B. Area Occupational Survey, 1967. 1,300 employers were contacted with a 25 percent response as to projected employment 1967, 1969, 1972, 1975; annual turnover.

IRCU 381 (2201)

AREA XIV

Southwestern Community College, P.O. Box 458, Creston, Iowa 50801

"A Survey to Determine the Educational Needs of Present and Prospective Employees in Light of Vocational and Technical Skills Desired by Employers and Existing and Future Employment Opportunities in the Area XIV Community College District." 1967. 17 p. [4(a) RCU research project No. 36]

Questionnaires went to 1250 area employers in 8 counties; shortage supply of semi-skilled workers in construction areas and service, including health occupations, reported.

IRCU 389 (2209)

Boat and Motor Repair Personnel, Manpower and Training Needs, Des Moines, State of Iowa, Department of Public Instruction, Vocational Education Branch, 1968. 9 pp.

Purpose: prepared by the Trade and Industrial Education Section, this survey determined the need and demand for repair personnel as reported by 357 firms. A 41 percent return or 145 questionnaires were tabulated. One objective was to determine needs for supplementary classes in boat and motor repair service. Results indicate definite need for an instructional program in this service.

IRCU 386 (2006)

CAGE, BOB N. "Cost Analysis of Selected Educational Programs in the Area Schools of Iowa." Ph.D. Ames, Iowa: Iowa State University, 1968. 137 pp. Dissertation Abstracts. [4(a) RCU research study No. 40]

Purposes: to determine the relationship between the current-unit-cost-per-contact-hour for arts and science transfer curricula and selected vocational-technical education programs for fiscal year 1967-1968. Also, to ascertain source and amount of funds received by each of the 15 area schools; financial data obtained on 117 vocational-technical and 16 arts and science programs.

IRCU 383 (2203)

CARPENTER, KAREN F. "Competencies Needed for Common Tasks in Three Home Related Occupations." M.S. thesis. Ames, Iowa: Iowa State University, 1968. 114 pp. [4(a) RCU research project No. 29, extension of No. 19]

Purposes: to identify competencies needed for tasks and clusters of tasks found to be common in three home related occupations of homemaker/home health aide; motel/hotel housekeeping aide; and nursing home housekeeping aide. To identify common competencies needed for common tasks and clusters of tasks; to distinguish between needed competencies important and not important for entry into these occupations; to determine clusters of similar competencies.

IRCU 384 (2204)

HORNBACHER, ROSE MARIE. "Nutrition Concepts Held by Seventh and Eighth Grade Pupils in Iowa." M.S. thesis. Ames, Iowa: Iowa State University, Library, 1968. 83 pp.

Purpose: to identify concepts of nutrition held by seventh and eighth grade pupils in Iowa and to determine relationship of these concepts to sex, grade level, academic achievement and amount of home economics completed; and to refine an instrument to identify and measure such concepts.

IRCU 385 (2205)

HOVLAND, MARCIA KAISER. "Case Studies of Single Female High School Graduates Adjusting to the Work World." M.S. thesis. Ames, Iowa: Iowa State University, Library, 1968. 124 pp.

Purpose: to develop instructional material to aid high school girls in preparing for entry into the world of work after graduation. Case studies were developed of the experiences related by seven working girls employed in one of these occupations: clerk-typist, secretary, telephone operator, nurse's aide, hospital ward clerk, assembly-line worker, and student beautician.

IRCU 388 (2208)

INDUSTRIAL RELATIONS CENTER

Iowa State University, Ames, Iowa: Job Vacancies in Iowa Manufacturing Establishments as reported for the period March 1968 through August 1968. Volume III, No. 1, August 1968.

This is the fourth in a series of surveys designed to provide a measure of the extent and nature of job vacancies in Iowa manufacturing establishments. Order publication from Industrial Relations Center.

IRCU 405 (2213)

IOWA STATE DEPARTMENT OF HEALTH, Project Director: Miss Thelma Luther, R.N., M.P.H., Director of Nursing; Nurse Coordinator, Phyllis A. Roberts, C.R.N.A., B.A. "Contract to Initiate a Plan to Return Inactive Health Professionals to Active Employment." Final report. September 1967-August 31, 1968. Contract No. PH 108-67-230. Des Moines, Iowa.

Purpose: Nurse Coordinator Roberts worked closely with community, area, and state organizations, agencies and groups in an effort to reactivate all classifications of health personnel. Coordinator compiled results of recent surveys and courses offered by other agencies to reactivate health personnel. The area schools offer vocational-technical courses, some of which are on a junior college level to people throughout the state. Because these schools are distributed over the state they are ideal sites for health and allied health retraining courses.

IRCU 406 (2214)

JAKUBAUSKAS, EDWARD B. Job Opportunities for Iowa's Youth, Special Report No. 46. Ames, Iowa: Iowa State University of Science and Technology, Agricultural and Home Economics Experiment Station, Cooperative Extension Service, February 1966. 17 pp. Appendix (12 pp) supports pamphlet.

Contents include: population and labor force growth in Iowa; labor force distribution by industry in the U.S.; by major occupational groups and by specific occupations.

IRCU 392

KALBFLEISCH, JUDY. "Analysis of Home Economics Classroom Verbal Behavior." M.S. thesis, 96 pp. Ames, Iowa: Iowa State University, Library, 1967.

IRCU 378 (2198)

KERR, ELIZABETH E., R.N. "A Study of the Developments, Trends and Current Status of Practical Nursing in Iowa." Contract study, 1968. Program in Health Occupations Education, The University of Iowa, Iowa City, Iowa. [4(a) RCU research project No. 39]

Purpose of the 39-months' project, "An Integrated Longitudinal Study of Practical Nursing," being conducted under a prime contract between the University of Illinois and the U.S. Office of Education was this substudy to determine current trends and status of practical nursing in Iowa. A history of the development of practical nursing in this state was detailed.

IRCU 393

LYONS, MADELON ELIZABETH. "System for Classifying Learning Experiences." M.S. thesis, 55 pp. Ames, Iowa: Iowa State University, Library, 1967.

IRCU 382 (2202)

MARTIN, VESTA VELNA. "A Study of the Business Office and Semitechnical Activities Performed by Medical Assistants in Physicians' Offices in Nine Selected Counties (Area V Community College) of Iowa." M.A. thesis, Cedar Falls: University of Northern Iowa, 1968.

Purpose: to study business-office and semitechnical activities performed in Area V physicians' offices and of positions open to medical assistants.

IRCU 394

MATHEW, MARIANNA. "Residential Lighting Conditions for Student Study Facility of Home Science, Baroda, India." Ph.D. 215 pp. Ames, Iowa: Iowa State University, 1967. Dissertation Abstracts.

IRCU 390 (2210)

Musical Instrument Repairmen, Manpower and Training Needs, Des Moines: State of Iowa, Department of Public Instruction, Vocational Education Branch, 1968. 7 pp.

Purpose: to establish need for such personnel in state; to determine need for training programs and scope if established. Study was conducted in cooperation with the National Association of Music Merchants, Inc. The 250 questionnaires were mailed to firms in Iowa, South Dakota, Nebraska, Illinois, Missouri, Wisconsin and Minnesota. Results indicate a definite need for a program in Iowa; one is now offered in Area XII, Sioux City.

IRCU 395

RAUCH, MARIAN PETERSON. "Iowa Extension Home Economists' Perception of Human Development and Family Relationships as an Area of Study." M.S. thesis, 78 pp. Ames, Iowa: Iowa State University, Library, 1967.

IRCU 396

SCHUETZ, SISTER MARY HYACINTH. "Home Economics Programs in Catholic High Schools in Iowa." M.S. thesis, Ames, Iowa: Iowa State University, Library, 1967.

IRCU 400

Selected Bibliography of Iowa Research in Vocational-Technical Education and related areas 1960-1967, as compiled by the Iowa Research Coordinating Unit. January 1968. The 329 listings of research completed during this time are listed by authors and subjects; copies are available from Iowa RCU without charge as long as present supplies last.

IRCU 401

Selected Bibliography of Iowa Research in Vocational-Technical Education and related areas 1960-1968, as compiled by the Iowa Research Coordinating Unit, September 1968. Supplement No. 1. The 47 entries cover abstracts placed on file in the Iowa RCU. Annotated.

IRCU 379 (2199)

SMALLEY, FLORINE M. "Availability of Information to Pupils in Iowa High Schools Concerning Home Economics Related Occupations." M.S. thesis. Ames, Iowa: Iowa State University, Library, 1968. 74 pp.

Purposes: to determine to what extent occupational information had been provided in home economics classrooms by the home economics teacher; kinds of home economics related occupational information provided; how teachers provided home economics related occupational information; other sources from which pupils could obtain similar information; possible influence of school and teacher characteristics upon amount of information made available to pupils.

IRCU 403 (2211)

SUMTER, PAUL EDWARD. "The Aviation Industry in Iowa, Occupational Patterns, Economic Outlook." M.S. thesis. Ames, Iowa: Iowa State University, 1967. 73 pp. [4(a) RCU research study No. 26]

Purpose: as a descriptive survey of the current aviation industry in Iowa to identify and classify jobs according to training and FAA certification requirements; to determine demands for trained/skilled persons in Iowa aviation industry; to evaluate certain standard high school subjects and courses toward training of mechanics/technicians; to evaluate a basic core of aircraft mechanic skills; to examine programs appropriate to skills and knowledge required for the jobs. A questionnaire was sent 120 employers, a sample of employers was interviewed personally.

IRCU 404 (2212)

THOMAS, ROBERT W. Research and Development in Vocational and Technical Education: non-metropolitan areas. Contract No. OE 5-85-108, U.S. Office of Education and Iowa State University, Ames, Iowa. Final report June 1968; 62 pp.

This final project report is a composite of work done in two units: by the Strategic Intelligence Unit and by the Research Activities Unit, both funded under this contract.

The Strategic Intelligence Unit members had two tasks: to think creatively about problems associated with research and development in vocational and technical education, particularly about problems found within non-metropolitan areas, and also to conceptualize problems surrounding vocational and technical education so logical models of the total problem structure might be created.

Research Activities Unit conducted research studies dealing with (1) the school district decision-making process affecting vocational and technical education programs, (2) occupational problems and vocational training needs of Iowa high school youth, (3) interrelationships between home environment and employment, (4) manpower requirements in agriculture and in agri-business with training needs for these requirements, (5) problems of predicting change in technology, (6) contributions of psychology to interdisciplinary research in problems of vocational and technical education, (7) determinants of post-high school educational and occupational choices of Iowa farm boys, (8) an analysis of legal and political problems and strategy necessary for implementing programs under the Vocational Education Act of 1963, and (9) collection through a sampling technique of occupational data by skill clusters. Research studies appear in four separate appendices.

IRCU 399

TIBBITTS, THOMAS F. Abstracts of Iowa Research in Health Occupations Education 1960-1968. Iowa Research Coordinating Unit, 1968.

Thirty-five abstracts are included in this compilation drawn from seven Iowa sources.

IRCU 397

VAUGHN, GLADYS GARY. "Development of Scales to Evaluate Facilities in High School Homemaking Department." M.S. thesis, 97 pp. Ames, Iowa: Iowa State University, Library, 1968.

IRCU 402

1968 Vocational Education Student Follow-Up. Des Moines: State of Iowa, Department of Public Instruction, Pupil Personnel Services Branch, Guidance Services Section.

Report is of those students' status as of October 15, 1967 following their termination by way of graduation or withdrawal from vocational education program during 1966-67 school year.

Data on 9,017 students reveal that 306 school districts offered vocational or technical programs; 15 area schools offer approved vocational-technical programs. Data serve as samples of entire vocational-technical population in 1966-67 school year.

IRCU 387 (2207)

WILSON, RICHARD ARLEN. "Architectural Drafting Needs as Indicated by Selected Iowa Industries, Architects, and Engineering Firms." M.S. thesis. Ames, Iowa: Iowa State University, Library, 1968. 82 pp.

Purposes: to identify Iowa industries, architects, and engineering firms that employ architectural draftsmen; to ascertain skills and technical knowledge these firms desire draftsmen to have; to determine number needed to fill needs now and projected for next five years; to determine present sources of draftsmen being hired. A total population of 297 firms received questionnaire; 83.84 percent response.

IRCU 398

WINEGARNER, LOIS ETHEL. "Education Programs in Latin American Countries Which have Contributed to Improvement in Family Living." M.S. thesis, 102 pp. Ames, Iowa: Iowa State University, Library, 1967.

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Individuals with Special Needs
Learning Processes
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Media
Occupations (Jobs)
Philosophy and Objectives
Research Method
Students (Characteristics)
Teachers, Teacher Education
Teaching Methods

Primary Fields

VOCATIONAL AGRICULTURAL EDUCATION
AGRI-BUSINESS
OFFICE OCCUPATIONS EDUCATION
DISTRIBUTIVE EDUCATION
HEALTH OCCUPATIONS EDUCATION
HOME ECONOMICS EDUCATION
TECHNICAL EDUCATION
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